

SUBJECT INDEX: VOLUME 13

Abdominal wall defects, prenatal diagnosis of, 355-360

Abortion, intraoperative embolization for hemorrhage in, 151-153

Adenosine therapy in paroxysmal supraventricular tachycardia, 343-345

Airway obstruction, and mixed apneas in preterm infants, 363-369

Alcohol abuse in pregnancy, and fetal growth retardation, 119-122

American Academy of Pediatrics, abstracts presented in annual meeting of 1995, 55-66

Amniocentesis in twin gestation, fetal anomalies from, 347-350

Amniotic fluid

- decreased volume associated with decreased fetal movements, 479-482
- index assessment, and perinatal morbidity, 231-234
- interleukin-4 levels in preterm labor and chorioamnionitis, 443-446
- volume affected by maternal smoking, 195-197

Anemia from warm autoantibodies in pregnancy, 19-20

Aneurysm of vein of Galen, prenatal diagnosis of, 503-505

Animal studies

- dexamethasone affecting rhesus monkey lung development, 399-406
- non-obese diabetic mouse, 249-253

Antibiotics

- and intrapartum chemoprophylaxis for group B streptococcus, 487-490
- Klebsiella* resistance to, in neonatal intensive care unit, 99-101

Antibodies

- maternal, against fetal platelet antigens, 211-214
- screening for, 423-431
- warm, in pregnancy, 19-20

Apneas, mixed, in preterm infants, 363-369

Arrhythmias. *See* Tachycardia, supraventricular

Artificial fertilization, and triplet pregnancy, 269-274

Aspartate aminotransferase activity in respiratory distress syndrome, 329-333

Asphyxia, neonatal, serum enzyme activities in, 329-333

Asphyxiating thoracic dysplasia, prenatal diagnosis of, 495-497

Atosiban in preterm labor, 143-146

Autonomic nervous system, chronic intrauterine stress affecting, 277-286

Bclomethasone dipropionate for low birthweight ventilated infants, 5-9

Beta-carotene levels in preeclampsia, 287-290

Betamimetics in Ehlers-Danlos syndrome, complications from, 181-183

Biliary tract, prenatal detection of choledochal cyst in, 207-210

Birthweight

- low
- in newborns of smoking mothers, 85-87
- and trial of bclomethasone dipropionate for ventilated infants, 5-9
- very low
- and bronchopulmonary dysplasia in vitamin A deficiency, 389-393
- and outcomes after maternal complications, 109-113
- and risk of repeat low birthweight deliveries, 147-149

Blood flow

- cerbral, in congenital heart disease, 47-52
- velocity waveforms affected by fetal blood sampling, 185-190

Blood gases

- correlation with cord blood erythropoietin levels, 227-229
- fetal profile with abnormal flow in umbilical artery, 297-300
- in first hours of life, and "standards" of medical care, 457-463
- and surfactant therapy prior to transport of infants, 309-316

Blood loss in labor, oxytocin affecting, 373-376

Blood transfusions, fetal, in maternal red cell alloimmunization, 27-33

Books received for review, 257, 321

Breast feeding, and methods of lactation suppression, 69-71

Breech presentation, and spontaneous torticollis with oligohydramnios, 305-306

Bromocriptine for lactation suppression, adverse reactions to, 69-71

Bronchopulmonary dysplasia

- response to dexamethasone in, 377-381
- and surfactant therapy prior to transport of infants, 309-316

and trial of bclomethasone dipropionate for low birthweight infants, 5-9

and vitamin A deficiency in very low birthweight infants, 389-393

Carbohydrate intolerance, and threshold value of glucose screening tests in pregnancy, 317-320

Cardiac function

- in neonates, cocaine affecting, 1-4
- in pregnancy
- dehydroepiandrosterone sulfate affecting, 11-13
- obesity affecting, 73-77

Cecal perforation after sodium polystyrene sulfonate-sorbitol enemas in neonatal hyperkalemia, 167-169

Cerebral blood flow

- in congenital heart disease, 47-52
- fetal blood sampling affecting, 185-190
- velocity in intrauterine growth retardation, 139-142

Cervical cerclage, emergency, outcome in second trimester, 419-422

Cesarean delivery, non-elective, informed consent for, 171-175

Choledochal cyst, prenatal detection of, 207-210

Cholesterol levels in pregnancy-induced hypertension, 323-326

Chorioamnionitis, and amniotic fluid interleukin-4 levels in preterm labor, 443-446

Chorionic gonadotropin, elevated levels associated with poor pregnancy outcomes, 437-441

Chorionic villus sampling in first trimester, in twin gestations, 413-417

Choroid plexus cysts in trisomy 18, 203-205

Chylothorax in fetus, bilateral, and unilateral therapy in utero, 115-116

Cimetidine therapy, and neonatal hypoxemia, 301-303

Cocaine use in pregnancy

- affecting neonatal heart, 1-4
- and creatine kinase and myoglobin levels in cord blood, 453-455
- and preterm labor with intrauterine fetal death, 163-165

Cold, defense reactions to, in premature neonates, 277-286

Cord blood
 - creatine kinase and myoglobin levels after cocaine exposure, 453-455
 erythropoietin levels
 - correlations with blood gases and gestational age, 227-229
 in newborns of smoking mothers, 85-87
 Coronary artery dissection, from betamimetics in pregnancy with Ehlers-Danlos syndrome, 181-183
 Corticosteroids. *See also* Dexamethasone
 antenatal
 - and outcomes of very low birth-weight infants, 109-113
 and respiratory distress syndrome in twins, 351-354
 and rhesus monkey lung development, 399-406
 trial of beclomethasone dipropionate in ventilated low birth-weight infants, 5-9
 Cranial ultrasonography abnormalities in congenital heart disease, 47-52
 Creatine kinase in cord blood after antenatal cocaine exposure, 453-455
 Cryptococcal meningitis in pregnancy, 35-36
 Cysts
 - choledochal, prenatal detection of, 207-210
 - choroid plexus, prenatal detection of, 203-205
 Death of fetus, and preterm labor after cocaine use, 163-165
 Defense reactions to cold or noise, in premature neonates, 277-286
 Dehydroepiandrosterone sulfate affecting cardiac function in pregnancy, 11-13
 Dexamethasone
 - affecting rhesus monkey lung development, 399-406
 - and hypothalamic-pituitary-adrenal axis function in premature infants, 473-476
 - preterm infant response to, 377-381
 Diabetes mellitus
 - gestational
 - and labor induction at 38 weeks to reduce shoulder dystocia incidence, 293-296
 - and threshold value of glucose screening tests, 317-320
 - maternal
 - and femoral hypoplasia/unusual facies syndrome in infant, 433-435
 - ketoacidosis in, 449-451
 - preeclampsia reduction in, 265-268
 and pancreatic transplants in non-obese diabetic mice, 249-253
 renal-pancreas transplant in, and successful pregnancy, 383-386
 Diagnosis. *See* Prenatal diagnosis
 Diaphragmatic hernia, congenital
 - prenatal diagnosis of, 159-161
 - simulation by right diaphragmatic eventration, 241-243
 Digoxin, fetal intramuscular, for supraventricular tachycardia with hydrops fetalis, 483-486
 Ductus arteriosus occlusion, indomethacin-induced, 15-18
 Ductus venosus, intrathoracic, prenatal diagnosis of, 159-161
 Echoangiography of indomethacin-induced occlusion of fetal ductus arteriosus, 15-18
 Editorials, 125, 127
 Ehlers-Danlos syndrome, and myocardial infarction in pregnancy, 181-183
 Embolic stroke in pregnancy with mechanical heart valves and heparin therapy, 371-372
 Embolization therapy, intraoperative, for hemorrhage after pregnancy termination, 151-153
 Endothelin-1 levels in pulmonary hypertension of newborn, 335-340
 Enterocolitis, pseudomembranous, in pregnancy, 21-25
 Erratum, 130
 Erythropoietin in cord blood
 - correlations with blood gases and gestational age, 227-229
 in newborns of smoking mothers, 85-87
 Eventration of diaphragm simulating congenital diaphragmatic hernia, 241-243
 Family planning, and preconception health promotion, 103-107
 Femoral hypoplasia/unusual facies syndrome in infant, and maternal diabetes, 433-435
 Fetus
 - anomalies
 - from amniocentesis in twin gestation, 347-350
 - from maternal parvovirus infection, 43-45
 - blood sampling
 - affecting blood flow velocity waveforms, 185-190
 - affecting cardiac Doppler indices, 507-512
 - decreased movements associated with decreased amniotic fluid volume, 479-482
 - diaphragmatic hernia with hepatic involvement, 159-161
 - ductus arteriosus occlusion from indomethacin, 15-18
 foot growth measurements, 155-157
 growth restriction
 - and blood flow velocity in middle cerebral artery, 139-142
 and neonatal outcome prediction, 465-470
 risk factors for, 119-122
 hypoxia from maternal smoking, 85-87
 intramuscular therapy in supraventricular tachycardia with hydrops fetalis, 483-486
 intrauterine death of, and preterm labor after cocaine use, 163-165
 meconium passage in labor affected by vibroacoustic stimulation, 81-82
 polycystic kidney disease, 131-133
 seizures in, ultrasound diagnosis of, 499-500
 transfusions in maternal red cell alloimmunization, 27-33
 urine output affected by maternal smoking, 195-197
 Fibrin glue pleurodesis in recurrent pneumothorax in premature infants, 245-246
 Fluorescence polarization, serum, predicting pregnancy-induced hypertension, 323-326
 Foot growth measurements, fetal, 155-157
 Galen vein aneurysm, prenatal diagnosis of, 503-505
 Gastrochisis, prenatal diagnosis of, 355-360
 Gestational age, and umbilical plasma erythropoietin, 227-229
 Glomerulonephritis, rapidly progressive, in pregnancy, 199-201
 Glucose screening tests in pregnancy, threshold value of, 317-320
 Glutaric aciduria type II, and fetal polycystic kidney disease, 131-133
 Glycosylated hemoglobin, and preeclampsia reduction in diabetes, 265-268
 Goodpasture syndrome, and pregnancy after renal transplantation, 79-80
 Growth, fetal
 - intrauterine retardation
 - and blood flow velocity in middle cerebral artery, 139-142
 and cardiac Doppler indices after fetal blood sampling, 507-512
 prediction of neonatal outcome in, 465-470
 risk factors for, 119-122
 measurements of foot growth, 155-157
 Health promotion, preconceptional, in family planning programs, 103-107

Heart
 congenital disease, cranial ultrasound abnormalities in, 47-52
 Doppler indices after fetal blood sampling, 507-512
 function studies. *See* Cardiac function
 infarction in Ehlers-Danlos syndrome in pregnancy, 181-183
 mechanical valves, heparin therapy with, and thromboembolism in pregnancy, 371-372

Hematocrit
 in labor, oxytocin affecting, 373-376
 in pregnancy, obesity affecting, 73-77
 in umbilical blood, in newborns of smoking mothers, 85-87

Hemoglobin, glycosylated, and preeclampsia reduction in diabetes, 265-268

Hemolytic disease of newborn, and fetal transfusions for maternal red cell alloimmunization, 27-33

Hemorrhage
 intracranial, in alloimmune thrombocytopenia of newborn, 211-214
 in pregnancy termination, intraoperative embolization in, 151-153

Heparin therapy in pregnancy with mechanical heart valves, and thromboembolism risk, 371-372

Hernia, congenital diaphragmatic
 prenatal diagnosis of, 159-161
 simulation by right diaphragmatic eventration, 241-243
 umbilical cord, with patent omphalomesenteric duct, 223-226

HIV infection, and vitamin levels in preeclampsia, 287-290

Hydrops fetalis
 pleuro-amniotic shunt in, 115-116
 with supraventricular tachycardia, fetal intramuscular therapy in, 483-486

Hydroxybutyrate dehydrogenase activity in respiratory distress syndrome, 329-333

Hyperkalemia, neonatal, sodium polystyrene sulfonate-sorbitol enemas in, cecal perforation from, 167-169

Hyperreactio luteinalis in pregnancy, 95-97
 in normal singleton pregnancy, 491-493

Hypertension
 pregnancy-induced in obesity, 73-77
 prediction with first trimester biological markers, 89-93

and serum fluorescence polarization, 323-326

pulmonary, in newborn, plasma endothelin-I levels in, 335-340

Hypothalamic-pituitary-adrenal axis, in premature infants after dexamethasone therapy, 473-476

Hypoxemia, neonatal, from cimetidine, 301-303

Hypoxia
 fetal, from maternal smoking, 85-87
 neonatal, serum enzyme activities in, 329-333

Immunology
 alloimmune thrombocytopenia in neonates, 211-214
 screening for, 423-431
 fetal transfusions for maternal red cell alloimmunization, 27-33
 warm autoantibodies in pregnancy, 19-20

Immunoreactive endothelin-1 levels in pulmonary hypertension of newborn, 335-340

Indomethacin, occlusion of ductus arteriosus from, 15-18

Infarction, myocardial, in Ehlers-Danlos syndrome in pregnancy, 181-183

Infections
Klebsiella outbreak in neonatal intensive care unit, 99-101
 in pregnancy
 cryptococcal meningitis, 35-36
 parvovirus B19, affecting fetus, 43-45
 pseudomembranous enterocolitis, 21-25
 risk factors for group B streptococcus, and intrapartum chemoprophylaxis, 487-490
 and streptococcus group B detection in neonatal urine, 235-239

Informed consent for non-elective cesarean delivery, 171-175

Intensive care units, neonatal
Klebsiella outbreak in, 99-101
 noise evaluation in, 37-41
 staffing of, 127-128

Interleukin-4 levels in amniotic fluid, in preterm labor and chorioamnionitis, 443-446

Intestines, obstetrical injury in umbilical cord hernia with patent omphalomesenteric duct, 223-226

Jeune syndrome, prenatal diagnosis of, 495-497

Ketoacidosis, diabetic, in pregnancy, 449-451

Kidneys
 fetal polycystic disease, 131-133

rapidly progressive glomerulonephritis in pregnancy, 199-201

transplantation of and pregnancy in Goodpasture's syndrome, 79-80
 renal-pancreas, and successful pregnancy, 383-386

Klebsiella outbreak in neonatal intensive care unit, 99-101

Labor
 induction at 38 weeks, to reduce shoulder dystocia incidence, 293-296
 oxytocin affecting blood loss and hematocrit in, 373-376
 vibroacoustic stimulation in, and fetal meconium passage, 81-82

Lactate dehydrogenase activity in respiratory distress syndrome, 329-333

Lactation suppression, non-pharmacological methods of, 69-71

Laryngeal atresia in newborn, 409-411

Latex agglutination test, and streptococcus group B detection in neonatal urine, 235-239

Letters to the Editor, 67, 255

Liver, extensive herniation with congenital diaphragmatic hernia, 159-161

Lungs. *See also* Bronchopulmonary dysplasia
 development in rhesus monkeys affected by dexamethasone, 399-406
 pulmonary hypertension in neonates, plasma endothelin-1 levels in, 335-340

Macrosomia prevention in pups of non-obese diabetic mice, 249-253

Mathematical modeling of fetal foot growth, 155-157

Meconium, fetal passage in labor affected by vibroacoustic stimulation, 81-82

Meningitis, cryptococcal, in pregnancy, 35-36

Multiple acyl Co-A-dehydrogenase defect, and fetal polycystic kidney disease, 131-133

Multiple regression analysis in prediction of pregnancy-induced hypertension, 89-93

Myoglobin in cord blood after antenatal cocaine exposure, 453-455

Neonates
 alloimmune thrombocytopenia in, 211-214
 screening for, 423-431
 cardiovascular effects of cocaine in, 1-4

Neonates (*continued*)

- cecal perforation after sodium polystyrene sulfonate-sorbitol enemas in hyperkalemia, 167-169
- cranial ultrasound abnormalities in congenital heart disease, 47-52
- defense reactions to cold or noise, 277-286
- endothelin-1 levels in pulmonary hypertension, 335-340
- hypoxemia from cimetidine, 301-303
- noise affecting, in intensive care unit, 37-41
- outcome predictions, 125-126
- with intrauterine growth restriction, 465-470
- streptococcus group B in

 - antigen detection, 235-239
 - detection in urine, 235-239
 - thrombosis treatment with t-PA, 217-221

- ventilation, trial of beclomethasone dipropionate in, 5-9

Neurologic disorders

- in alloimmune thrombocytopenia of newborn, 211-214
- in asphyxiated newborns, serum enzymes in, 329-333
- in autonomic defense responses to cold and noise, 277-286

Noise

- defense reactions to, in premature neonates, 277-286
- evaluation in neonatal intensive care unit, 37-41

Nonstress test, and assessment of amniotic fluid index, 231-234

Obesity, pregnancy-induced hypertension in, 73-77

Oligohydramnios, and spontaneous torticollis in breech-presenting fetus, 305-306

Omphalocele, prenatal diagnosis of, 355-360

Omphalomesenteric duct patency, with congenital hernia of cord, 223-226

Ovarian theca lutein cysts, and hyperreactio luteinalis in pregnancy, 95-97, 491-493

Ovulation induction, and triplet pregnancy, 269-274

Oxygen therapy, and mixed apneas in preterm infants, 363-369

Oxytocin

- affecting blood loss and hematocrit in labor, 373-376
- antagonist in preterm labor, 143-146

Pancreas

- renal-pancreas transplant and successful pregnancy, 383-386
- transplants in mice, pregnancy affecting, 249-253

tumors in pregnancy, surgery for, 21-25

Parvovirus infection in pregnancy, affecting fetus, 43-45

Physician-patient conflicts, and decisions for non-elective cesarean delivery, 171-175

Placental puncture affecting fetal hemodynamics, 185-190

Plasminogen activator, tissue-type, for thrombosis in neonates, 217-221

Platelet antigens, maternal antibodies to, 211-214

screening for, 423-431

Pleuro-amniotic shunt in fetal chylothorax, 115-116

Pleurodesis, fibrin glue, in recurrent pneumothorax in premature infant, 245-246

Pneumothorax recurrence in premature infant, fibrin glue pleurodesis in, 245-246

Polyclastic kidney disease, fetal, 131-133

Preeclampsia

- elevated chorionic gonadotropin levels in, 437-441
- reduction in diabetes mellitus, 265-268
- vitamin levels in, 287-290

Pregnancy

- after Goodpasture syndrome and renal transplantation, 79-80
- after renal-pancreas transplantation, 383-386
- behavioral factors affecting fetal growth in, 119-122
- cocaine use in

 - affecting neonatal heart, 1-4
 - and creatine kinase and myoglobin levels in cord blood, 453-455
 - and preterm labor with intrauterine fetal death, 163-165

- complications of, and outcomes of very low birthweight infants, 109-113
- cryptococcal meningitis in, 35-36
- dehydroepiandrosterone sulfate affecting cardiac function in, 11-13
- diabetes in. *See* Diabetes mellitus
- Ehlers-Danlos syndrome in, and complications from betamimetics, 181-183
- hyperreactio luteinalis in, 95-97, 491-493
- hypertension in. *See* Hypertension, pregnancy-induced
- obesity in, and risk of hypertension, 73-77
- outcome with elevated chorionic gonadotropin levels, 437-441
- pancreatic surgery in, 21-25
- and pancreatic transplants in mice, 249-253

parvovirus infection in, affecting fetus, 43-45

promoting intendedness of, 103-107

rapidly progressive glomerulonephritis in, 199-201

red cell alloimmunization in, fetal transfusions in, 27-33

smoking in. *See* Smoking, maternal syphilis in, and outcomes in subsequent pregnancy, 513-517

termination of, intraoperative embolization for hemorrhage in, 151-153

threshold value of glucose screening tests in, 317-320

and thromboembolism risk with mechanical heart valves and heparin therapy, 371-372

uterine rupture diagnosis in, 177-180

warm autoantibodies in, 19-20

Premature infants

- defense reactions to cold or noise, 277-286
- hypothalamic-pituitary-adrenal axis function after dexamethasone therapy, 473-476
- recurrent pneumothorax in, fibrin glue pleurodesis in, 245-246

Premature rupture of membranes, preterm, in twin pregnancies, 135-138

Prenatal diagnosis

- abdominal wall defects, 355-360
- aneurysm of vein of Galen, 503-505
- asphyxiating thoracic dysplasia, 495-497
- choledochal cyst, 207-210
- diaphragmatic hernia, 159-161
- fetal blood sampling in

 - and blood flow velocity waveforms, 185-190
 - and cardiac Doppler indices, 507-512

- seizures, 499-500
- toe deformities and choroid plexus cysts in trisomy 18, 203-205

in twin gestations

- and chorionic villus sampling in first trimester, 413-417
- and fetal anomalies from amniocentesis, 347-350

Preterm labor

- and amniotic fluid interleukin-4 levels in chorioamnionitis, 443-446
- and complications from betamimetics in Ehlers-Danlos syndrome, 181-183
- and intrauterine fetal death after cocaine exposure, 163-165
- oxytocin antagonist in, 143-146

Preterm premature rupture of membranes in twin pregnancies, 135-138

Pulmonary hypertension of newborn, plasma endothelin-1 levels in, 335-340

Respiratory distress in newborn serum enzyme activities in, 329-333 and "standards" of medical care, 457-463 in twins, antenatal corticosteroids affecting, 351-354

Risk factors for fetal growth retardation, 119-122 for group B streptococcus, and intrapartum chemoprophylaxis, 487-490 for pregnancy-induced hypertension, obesity in, 73-77 for repeat low birthweight deliveries, 147-149

Rossavik growth model, fetal foot growth in, 155-157

Screening for alloimmune thrombocytopenia, two strategies for, 423-431 for glucose tolerance, and threshold value of tests in pregnancy, 317-320

Seizures, fetal, ultrasound diagnosis of, 499-500

Shoulder dystocia, reduced incidence with labor induction at 38 weeks, 293-296

Sleep, and mixed apneas in preterm infants, 363-369

Smoking, maternal affecting amniotic fluid volume and fetal urine output, 195-197 and fetal growth retardation, 119-122 and umbilical erythropoietin levels during labor, 85-87

Sodium polystyrene sulfonate-sorbitol enemas in neonatal hyperkalemia, cecal perforation after, 167-169

Sonography. *See* Ultrasonography

Streptococcus group B detection in neonatal urine, 235-239 risk factors for, and intrapartum chemoprophylaxis, 487-490

Stress, chronic intrauterine, and neonatal defense reactions to cold or noise, 277-286

Surfactant therapy prior to transport of infants, 309-316

Surgery and informed consent for non-elective cesarean delivery, 171-175 intraoperative embolization for hemorrhage in pregnancy termination, 151-153 pancreatic, in pregnancy, 21-25

Syphilis in pregnancy, and outcomes in subsequent pregnancy, 513-517

Tachycardia, supraventricular with hydrops fetalis, fetal intramuscular therapy in, 483-486

paroxysmal, adenosine therapy in, 343-345

Theca lutein cysts, and hyperreactio luteinalis in pregnancy, 95-97, 491-493

Thoracic dysplasia, asphyxiating, prenatal diagnosis of, 495-497

Thrombocytopenia, alloimmune in newborn, 211-214 screening for, 423-431

Thromboembolism in pregnancy, with mechanical heart valves and heparin therapy, 371-372

Thrombosis, neonatal, t-PA in, 217-221

Tocolysis and complications from betamimetics in Ehlers-Danlos syndrome, 181-183 in delayed delivery of triplet pregnancy, 191-193 oxytocin antagonist in, 143-146

Toe deformities in trisomy 18, prenatal detection of, 203-205

Torticollis, spontaneous, in breech-presenting fetus with oligohydramnios, 305-306

t-PA for thrombosis in neonates, 217-221

Tracheoesophageal fistula for ventilation in neonatal laryngeal atresia, 409-411

Transfusions, fetal, in maternal red cell alloimmunization, 27-33

Transplantation of kidneys and pregnancy in Goodpasture's syndrome, 79-80 renal-pancreas, and successful pregnancy, 383-386 pancreatic, in non-obese diabetic mice, 249-253

Triglyceride levels in pregnancy-induced hypertension, 323-326

Triplet pregnancy changing epidemiology of, 269-274 delayed delivery of, 191-193

Trisomy 18, prenatal detection of toe deformities and choroid plexus cysts in, 203-205

Tumors in pregnancy, pancreatic, surgery for, 21-25

Twin pregnancies and fetal anomalies from midtrimester genetic amniocentesis, 347-350 first trimester chorionic villus sampling in, 413-417 and preterm premature rupture of membranes, 135-138 respiratory distress syndrome in, antenatal corticosteroids affecting, 351-354

Ultrasonography. *See also* Prenatal detection abnormal Doppler flow in umbilical artery, and fetal blood gas values, 297-300

in asphyxiating thoracic dysplasia, 495-497

cardiac Doppler indices after fetal blood sampling, 507-512

cranial abnormalities in congenital heart disease, 47-52

echocardiography of indomethacin-induced occlusion of fetal ductus arteriosus, 15-18 and endovaginal probe in umbilicus, 395-397

in fetal diaphragmatic hernia, 159-161

fetal foot growth measurements in, 155-157

in fetal seizures, 499-500

hyperechoic kidneys in fetal polycystic disease, 131-133

predicting neonatal outcome in intrauterine growth retardation, 465-470

sonolucent lesions in, 207-210

in uterine rupture diagnosis in pregnancy, 177-180

Umbilical artery abnormal flow in, and blood gas profiles, 297-300

blood flow velocity affected by fetal blood sampling, 185-190

Umbilical cord blood studies. *See* Cord blood congenital hernia with patent omphalomesenteric duct, 223-226

velamentous insertion associated with elevated chorionic gonadotropin levels, 437-441

Umbilical vein, intrathoracic, prenatal diagnosis of, 159-161

Umbilicus, endovaginal probe in, 395-397

Urine output, fetal, maternal smoking affecting, 195-197

Uterus, rupture diagnosis in pregnancy, 177-180

Vaginal probe in transumbilical ultrasound, 395-397

Vein of Galen aneurysm, prenatal diagnosis of, 503-505

Ventilation, and trial of beclomethasone dipropionate for low birthweight infants, 5-9

Vibroacoustic stimulation, and fetal meconium passage in labor, 81-82

Vitamin A deficiency of, and bronchopulmonary dysplasia in very low birthweight infants, 389-393 serum levels in preeclampsia, 287-290

Vitamin E levels in preeclampsia, 287-290

Warm autoantibodies in pregnancy, 19-20

AUTHOR INDEX: VOLUME 13

Al-Saedi, Saad, 363
 Alkalay, Arie L., 473
 Allen, Denice, 309
 Alvaro, Ruben, 363
 Amitay, M., 99
 Ananth, Cande V., 195
 Ando, Junichi, 297
 Anyaegbunam, Akolis, 151
 Arduini, Domenico, 185, 507
 Arslan, Edoardo, 37
 Athanasiou, Achilles M., 181
 Auringer, Sam T., 377
 Baltaro, Federica, 119
 Bangdiwala, Shrikan I., 103
 Barkai, Gad, 323
 Barrington, Keith, 499
 Barzilay, Zohar, 343
 Baxter, Louise M., 453
 Beach, Michael L., 465
 Bejar, Raul, 47
 Benhadjeb, Tahar, 207
 Benini, Frana, 37
 Bennett, Lawrence N., 167
 Bennett, Michael J., 131
 Benson, Margaret, 371
 Berkowitz, Richard L., 135
 Bernaschek, G., 259
 Bianco, Angela T., 135
 Bili, Helen, 85
 Blum-Boisgard, Claudine, 423
 Bobson, Daniel, 287
 Bonacossa, Inés A., 211
 Bonduelle, Maryse, 413
 Bottoms, Sidney F., 513
 Brady, William, 109
 Bratton, Susan L., 147
 Bugg, George W., 1
 Bussel, James B., 27
 Buus-Frank, Madge E., 127
 Campbell, Robert M., 1
 Cantu, Cynthia G., 287
 Capponi, Alessandra, 185, 507
 Capuzzo, Ezio, 119
 Catazarite, Val A., 177
 Cates, Don, 363
 Cefalo, Robert C., 103
 Cervantes, Miguel, III, 287
 Chandra, Roma S., 241
 Chang, Chia-Chiang, 269
 Chaoui, Rabih, 207
 Chen, Chao-Wen, 203
 Chen, Chie-Pein, 35
 Chen, Chih-Ping, 203, 355, 495
 Chen, Hui-Min, 249
 Chen, Jeun-Horng, 269
 Chen, Jia-Yuh, 269
 Chervenak, Frank A., 27, 171
 Chescheir, Nancy C., 395
 Chisholm, Christian A., 503
 Christensen, Michael W., 115
 Clark, Steven L., 231

Contador, Monica P., 409
 Cooper, Joseph, 19
 Copel, Joshua A., 265
 Costakos, Dennis, 309
 Coulson, Carol C., 195
 Craig, Sabrina D., 465
 Creasy, George W., 143
 Cullen, Mark T., 449
 D'Alton, Mary E., 465
 Davis, John R., 95
 De Catte, Luc, 413
 De Cock, W.
 Desai, Tejal A., 249
 Deutinger, J., 259
 Dildy, Gary A., 231
 Dillard, Robert G., 377
 Dizon-Townson, Donna, 231
 Dokart, Lawrence A., 199
 Dreyfus, Marie, 423
 Dudley, Donald J., 443
 Dungy-Poythress, Lauren J., 383
 Dupras-Wilson, Pat, 351
 Durand-Zaleski, Isabelle, 423
 Eddleman, Keith A., 171
 Egger, Marlene, 231
 Eglington, Gary S., 159
 Engle, Michael J., 399
 Farmakides, George, 85
 Farrell, Philip M., 399
 Ferroni, Joseph, 19
 First, M. Roy, 383
 Flidel-Rimon, O., 99
 Fluhr, Kathleen, 309
 Forouzan, Iraj, 139
 Foulon, Walter, 413
 Frand, Mira, 343
 Freeman, Jerome, 371
 Fujiwaki, Risuto, 11
 Gabbert, Debra, 109
 Gashbaum, William, 151
 Gerson, Andrew, 19
 Giep, Tung, 5
 Gilbert, James C., 241
 Glenn, Consuelo M., 453
 Glew, Robert H., 287
 Goldberg, Cynthia C., 373
 Goldenberg, Mordechai, 419
 Gonçalves, Luis F., 159
 Gonsoul, Whitney, 131
 Goodwin, T. Murphy, 143
 Govaert, Paul, 217
 Hagay, Zion J., 293
 Haider, A. Zia, 363
 Hall, Mary, 235
 Hansen, Wendy F., 43
 Harada, Kenji, 15
 Hartman, Gary E., 241
 Hartmann, Katherine, 195
 Harvey-Wilkes, Karen B., 465
 Hata, Kohkichi, 11, 155
 Hata, Toshiyuki, 11, 155
 Hatch, Kenneth, 95
 Hayashi, Robert, 143
 Hegesh, Julius, 343
 Heinonen, Seppo, 437
 Herman, Jay, 19
 Herson, Victor C., 487
 Hicks, Barry A., 409
 Hinson, Roger M., 433
 Hipp, Robert, 457
 Ho, Maw-Lin, 269
 Hogg, Ronald, 131
 Homko, Carol J., 449
 Hong, Shih-Fen, 265
 Hsu, Chaur-Dong, 265
 Huang, Chie-Ming, 269
 Huang, Shih-Hung, 355
 Hulse, J. Edward, 1
 Hunt, Lois T., 227
 Hunter, Cheri, 443
 Hurst, David, 131
 Husein, Gazala, 457
 Iasci, Angela, 119
 Idrisa, Audu, 287
 Inglis, Steven R., 27, 171
 Insler, Vaclav, 293
 Ishida, Akira, 15
 Jackson, Gregory L., 235
 Jakobi, Peter, 81
 Jan, Sheau-Wen, 203, 355, 495
 Jazayeri, Allahyar, 227
 Jocelyn, Leslie J., 211
 Johnson, Timothy R.B., 21
 Jona, Juda Z., 223
 Jones, David W., 1
 Jovanovic-Peterson, Lois, 249
 Juster-Reicher, A., 99
 Kalache, Karim, 207
 Kallen, Michael A., 373
 Kaplan, Cecile, 423
 Karlin, David, 151
 Katz, Vern L., 43, 503
 Kazzi, Nadya J., 335
 Kemnitz, Joseph W., 399
 Kennedy, Kathleen A., 231
 Kenny, Margaret A., 453
 Kerr, Andrew, 151
 Kirkinen, Pertti, 437
 Kitanaka, Takashi, 89
 Kitao, Manabu, 11, 155
 Klein, Alan H., 473
 Kokia, Ehud, 419
 Kolankaya, A., 259
 Korach, Jacob, 323
 Kothadia, Jomanadas M., 377
 Krauss, Alfred, 309
 Kuint, J., 245
 Kuint, Jacob, 301, 343

Kuller, Jeffrey A., 43, 79, 503
 Kumar, Praveen, 335
 Kwiatkowski, Kim, 363

Lackmann, Gerd M., 329
 Lago, Paola, 37
 Lambers, Donna S., 491
 Lambert, George H., 167
 Lan, Chung-Chi, 203, 355, 495
 Lane, Roseanne, 143
 Lantos, John, 457
 Lapinski, Robert, 135
 Larrabee, K., 163
 Leibovitz, E., 99
 Leos, N. Kristine, 235
 Lescale, Keith B., 171
 Lewis, Kerry M., 159
 Libshitz, Alexander, 419
 Liebaers, Inge, 413
 Lin, Shuan Pei, 495
 Lin, Shyr-Yeu, 495
 Linder, N., 245
 Linder, Nehama, 301
 Ling, Ung-Paw, 269
 Lipitz, Shlomo, 419
 Little, George A., 127
 Liu, Fen-Fen, 203, 355, 495
 Lockwood, Charles, 135
 Lubin, D., 245
 Lurie, Samuel, 293
 Lusky, Ayala, 323
 Lynch, Lauren, 135
 Lysikiewicz, Andrzej, 27

Macri, Charles J., 433
 Magnavita, Vincenzo, 37
 Makler-Shirin, Einat, 81
 Malaka, Keti, 85
 Mamopoulos, Michael, 85
 Mantalenakis, Sergios, 85
 Martinez, A., 163
 Martinowitz, U., 245
 Mashiach, Shlomo, 323, 419
 Masumura, Sumio, 11
 Mau, Harald, 207
 Mayock, Dennis E., 453
 McCormick, Marie C., 125
 McCoy, M. Cathleen, 43, 395, 503
 McCulloch, Kristine M., 389
 McCullough, Laurence B., 171
 McCurdy, Charles M., 373
 McFarlin, Barbara L., 513
 McGuinness, Gail, 109
 Meadow, William, 457
 Mehalek, Karen E., 177
 Meibohm, Anne R., 103
 Mendez, David, 457
 Mikhail, Magdy, 151
 Miller, Hugh S., 373
 Miller, Hugh, 95
 Miller, Richard C., 433
 Minior, Victoria K., 479
 Miodownik, Menachem, 383
 Mireles, Veronica L., 287
 Miskin, A., 99
 Mitchell, Murray D., 443
 Mogilner, B., 99
 Monga, Manju., 163
 Moos, Merry-K., 103

Müller, Joachim M., 207
 Munson, David P., 115
 Myers, Thomas F., 167

Nagel, Ronald A., 473
 Nazar-Steward, Valle, 453
 Nickless, Nancy A., 265
 Nicola, Sabrina, 119

O'Brien, Charles, 371
 O'Shea, John S., 1
 O'Shea, T. Michael, 377
 Oelsner, Gabriel, 419
 Ogita, Sachio, 73, 89
 Okamura, Kunihiro, 297
 Osiovich, Horacio, 499

Palmer, April L., 235
 Palta, Mari, 109
 Paret, Gideon, 343
 Parilla, Barbara V., 483
 Pasquini, Luciano, 507
 Paxson, Charles, 309
 Peepo, E. Quinn, 171
 Perelman, Robert H., 399
 Perlman, Jeffrey M., 409
 Peters, Mary Ellen, 109
 Peterson, Charles M., 249
 Philipson, Elliot H., 487
 Pisan, Paola, 37
 Pitt, Henry A., 21
 Pizai, Gaia, 119
 Pomerance, Jeffrey J., 473
 Purrington, Jacinda, 195

Queenan, John T., 159

Ribble, Paula, 5
 Rais-Bahrami, Khodayar, 241
 Rao, T.J., 399
 Rayburn, William F., 69
 Reece, E. Albert, 449
 Rehan, Virender, 363
 Reichman, Brian, 301
 Ries, Liat, 323
 Rigatto, Henrique, 363
 Rinaldo, Donatella, 185
 Rizzo, Giuseppe, 185, 507
 Roby, Paul V., 453
 Romanini, Carlo, 185
 Romanini, Carolo, 507
 Rosenn, Barak, 491
 Rothman, Abraham, 47
 Ruiz, Nicholas, 309
 Russino, Joseph, 19
 Ryukoh, Kanji, 11
 Ryynänen, Markku, 437

Saarikoski, Seppo, 437
 Sadek, Mona, 109
 Salafia, Carolyn M., 347, 479

Sánchez, Pablo J., 235
 Schelstræte, Petra, 217
 Schiff, Eyal, 323, 419
 Schlegel, Nicole, 423
 Schnorr, John A., 95
 Schwartz, I. David, 5
 Sciscione, Anthony C., 21
 Seeds, John, 95

Senoh, Daisaku, 155
 Shankaran, Seetha, 335
 Sherer, David M., 159, 305, 347, 479
 Sherwood, W. Geoff, 131
 Sheu, Jin-Cherng, 355
 Short, Billie L., 241
 Shoultz, David A., 147
 Sidor, Carolyn, 19
 Silver, Helayne, 143
 Sivan, Eyal, 449
 Skannal, Deborah G., 383
 Slotchiver, Jodi M., 195
 Smets, Koenraad, 217
 Socol, Michael L., 483
 Sonnenblick, Amy L., 27
 Spellacy, William N., 227
 Spinillo, Arsenio, 119
 Spong, Catherine Y., 479
 Steinmetz, Danny, 343
 Stone, Joanne, 135
 Stouvenel, Antoinette, 309
 Strasburger, Janette F., 483
 Streitzoff, Jane L., 27
 Stuemppfen, I., 259
 Su, Pen-Hua, 269
 Sudo, Yuji, 73

Takada, Goro, 15
 Takahashi, Yasushi, 15
 Talmor, Rafael, 81
 Tamura, Toshitsugu, 73, 89
 Tan, Hai-Ying, 265
 Tanaka, Toshinobu, 15
 Tapia, Luis A., 199
 Thorp, John M., 79
 Thorp, John M., Jr., 195
 Tian, Shi-Yun, 139
 Tomoda, Shoji, 73, 89
 Tsantali, Chaido, 85
 Tsibris, John C.M., 227
 Tsin, Andrew T.C., 287
 Tsuda, Akira, 15
 Tuboku-Metzger, Albert J., 1
 Turrentine, Mark A., 181, 351
 Tzeveleakis, Philippos, 85

Uzan, Serge, 423

Vakharia, Tejal, 457
 Valenzuela, Guillermo, 143
 Van Acker, Karel J., 277
 Van Assche, Elvire, 413
 van Houten, John P., 47
 Van Reempts, Patrick J., 277
 Vanhaesebrouck, Piet, 217
 Varner, Michael W., 443
 Verma, Rita Prasad, 389
 Vidyasagar, Dharmapuri, 389
 Villeneuve, John B., 21
 Voet, Kirk, 217

Wachtel, Tom, 177
 Wang, Kuo-Gon, 35, 203
 Watanabe, Takanori, 297
 Watkins, Sandra L., 453
 Watson, William J., 115, 371, 395
 Weinstein, Marie R., 109
 Welgoss, Jeffrey, 191
 Wells, Steven R., 79

Westbrook, Craig, 177	Wu, Jun, 231	Zerfas, Sarah, 395
Whitfield, Jonathan, 131		Ziari, Shahed A., 287
Wilkins, Isabelle A., 351		Ziegler, William F., 191
Williams, Michelle A., 147	Yajima, Akira, 297	Zimmer, Etan Z., 81
Worrell, Leslie, 389	Yalçın, Hakan R., 317	Zorlu, C. Gürkan, 317
Wouters, A., 277	Young, Laura, 19	Zuerlein, Terrance, 5

